



04-09-02

MP/HF

PATENTS

In re Non-Provisional Patent Application of: )  
BLAIR, Steven M. ) Group Art No.: 2661  
CAMPBELL, Larry L. )  
Serial No.: 10/041,682 ) Examiner: Unassigned  
Filed: January 7, 2002 ) Atty. Ref: IPG1 (12706.000009)  
For: OPTICAL COMMUNICATION )  
SYSTEM USING COHERENCE )  
MULTIPLEXING IN AN OPTICAL )  
DWDM NETWORK )

"Express Mail" Mailing Label Number: EL812793468US  
Date of Deposit: April 8, 2002

I hereby certify that this correspondence is being deposited  
with the United States Postal Service "Express Mail Post  
Office to Addressee" service under 37 CFR 1.10 on the date  
indicated above to the Commissioner for Patents,  
Box Missing Parts, Washington, D.C. 20231.

R. STEVAN COURSEY  
Reg. No. 39,449

Signature

TRANSMITTAL LETTER

April 8, 2002

Commissioner for Patents  
Box Missing Parts  
Washington, D. C. 20231

Sir:

Enclosed please find the following items for filing in connection with the above-  
identified patent application:

- (1) Submission of Missing Parts of Non-Provisional Application;
- (2) Copy of the Notice to File Missing Parts of Non-Provisional Application;

- (3) Executed Declaration and Power of Attorney of Steven M. Blair;
- (4) Executed Declaration and Power of Attorney of Larry L. Campbell;
- (5) Fee Transmittal for FY 2002;
- (6) Check Number 286455 in the amount of \$65.00 in payment of the declaration surcharge fee;
- (7) Check Number 286458 in the amount of \$673.00 in payment of the statutory basic filing fee for a small entity and additional claim fee; and,
- (8) Return Postcard.

A declaration surcharge fee in the amount of \$65 dollars and a statutory basic filing fee with an additional claim fee for a small entity in the amount of \$673 dollars have been included with the Submission of Missing Parts of Non-Provisional Application submitted herewith. No other fee is believed to be due in connection with the Submission of Missing Parts of Non-Provisional Application. However, if any other fee is deemed to be due, please charge such fee to Deposit Account No. 20-1507.

Respectfully submitted,

TROUTMAN SANDERS LLP

By:

R. Stevan Coursey  
Reg. No. 39,949  
Attorney for Applicant

Troutman Sanders LLP  
Bank of America Plaza, Suite 5200  
600 Peachtree Street, N.E.  
Atlanta, Georgia 30308-2216  
(404) 885-3632



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Non-Provisional Patent Application of: )  
BLAIR, Steven M. ) Group Art No.: 2661  
CAMPBELL, Larry L. )  
Serial No.: 10/041,682 ) Examiner: Unassigned  
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Box Missing Parts, Washington, D.C. 20231.

R. STEVEN COURSEY  
Reg. No. 39,949

Signature

SUBMISSION OF MISSING PARTS OF  
NON-PROVISIONAL PATENT APPLICATION

April 8, 2002

Commissioner for Patents  
Box Missing Parts  
Washington, D.C. 20231

Sir:

In response to the "Notice to File Missing Parts of Non-Provisional Application" mailed  
February 8, 2002 (a copy of which is attached hereto), Applicant respectfully submits herewith an  
executed Declaration and Power of Attorney for each of the inventors (Steven M. Blair and Larry

L. Campbell), and Check No. 286455 in the amount of \$65.00 in payment of the declaration surcharge fee in connection with the above-identified patent application. Applicant has also submitted herewith Check No. 286458 in the amount of \$673.00 in payment of the statutory basic filing fee for a small entity with additional claim fees.

Applicant believes that no other fees are due in connection with this Submission of Missing Parts of Non-Provisional Patent Application. However, if other fees are deemed to be due, please charge such fees to Deposit Account No. 20-1507.

Respectfully submitted,

TROUTMAN SANDERS LLP

By:

R. Stevan Coursey  
Reg. No. 39,949  
Attorney for Applicant

TROUTMAN SANDERS LLP  
Bank of America Plaza, Suite 5200  
600 Peachtree St., NE  
Atlanta, Georgia 30308-2216  
(404) 885-3632

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL**  
**for FY 2002**


Patent fees are subject to annual revision

**TOTAL AMOUNT OF PAYMENT** (\$738.00)**Complete if Known**

|                      |                     |
|----------------------|---------------------|
| Application Number   | 10/041,682          |
| Filing Date          | January 07, 2002    |
| First Named Inventor | BLAIR, Steven M.    |
| Examiner Name        | Unassigned          |
| Group Art Unit       | 2661                |
| Attorney Docket No.  | IPG1 (12706.000009) |

**METHOD OF PAYMENT**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  
 Deposit Account Number **20-1507**
- Deposit Account Name **TROUTMAN SANDERS LLP**
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- Applicant claims small entity status.  
 See 37 CFR 1.27
2.  **Payment Enclosed:**  
 Check     Credit card     Money Order     Other Order

**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity Fee Code    | Entity Fee (\$) | Small Entity Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
|--------------------------|-----------------|-----------------------|-----------------|------------------------|----------|
| 101                      | 740             | 201                   | 370             | Utility filing fee     | 370.00   |
| 106                      | 330             | 206                   | 165             | Design filing fee      |          |
| 107                      | 510             | 207                   | 255             | Plant filing fee       |          |
| 108                      | 740             | 208                   | 370             | Reissue filing fee     |          |
| 114                      | 160             | 214                   | 80              | Provisional filing fee |          |
| <b>SUBTOTAL (1) (\$)</b> |                 |                       |                 | <b>370.00</b>          |          |

**2. EXTRA CLAIM FEES**

|                    | Extra Claims | Fee from below         | Fee Paid |
|--------------------|--------------|------------------------|----------|
| Total Claims       | 49           | - 20** = 29 X \$9.00 = | \$261.00 |
| Independent Claims | 4            | - 3** = 1 X \$42.00 =  | \$42.00  |
| Multiple Dependent |              |                        |          |

| Large Entity Fee Code    | Entity Fee (\$) | Small Entity Fee Code | Entity Fee (\$) | Fee Description  |
|--------------------------|-----------------|-----------------------|-----------------|--|
| 103                      | 18              | 203                   | 9               | Claims in excess of 20                                     |
| 102                      | 84              | 202                   | 42              | Independent claims in excess of 3                          |
| 104                      | 280             | 204                   | 140             | Multiple dependent claim, if not paid                      |
| 109                      | 84              | 209                   | 42              | ** Reissue independent claims over original patent         |
| 110                      | 18              | 210                   | 9               | ** Reissue claims in excess of 20 and over original patent |
| <b>SUBTOTAL (2) (\$)</b> |                 |                       |                 | <b>303.00</b>  |

**3. ADDITIONAL FEES**

| Large Entity Fee Code     | Entity Fee (\$) | Small Entity Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid     |
|---------------------------|-----------------|-----------------------|-----------------|--|--------------|
| 105                       | 130             | 205                   | 65              | Surcharge - late filing fee or oath  | \$65.00      |
| 127                       | 50              | 227                   | 25              | Surcharge - late provisional filing fee or cover sheet                     |              |
| 139                       | 130             | 139                   | 130             | Non-English specification  |              |
| 147                       | 2,520           | 147                   | 2,520           | For filing a request for ex parte reexamination                            |              |
| 112                       | 920*            | 112                   | 920*            | Requesting publication of SIR after Examiner action                        |              |
| 113                       | 1,840*          | 113                   | 1,840*          | Requesting publication of SIR after Examiner action                        |              |
| 115                       | 110             | 215                   | 55              | Extension for reply within first month                                     |              |
| 116                       | 400             | 216                   | 200             | Extension for reply within second month                                    |              |
| 117                       | 920             | 218                   | 460             | Extension for reply within third month                                     |              |
| 118                       | 1440            | 218                   | 720             | Extension for reply within fourth month                                    |              |
| 128                       | 1960            | 228                   | 980             | Extension for reply within fifth month                                     |              |
| 119                       | 320             | 219                   | 160             | Notice of Appeal   |              |
| 120                       | 320             | 220                   | 160             | Filing a brief in support of an appeal                                     |              |
| 121                       | 280             | 221                   | 140             | Request for oral hearing   |              |
| 138                       | 1,510           | 138                   | 1,510           | Petition to institute a public use proceeding                              |              |
| 140                       | 110             | 240                   | 55              | Petition to revive - unavoidable   |              |
| 141                       | 1280            | 241                   | 640             | Petition to revive - unintentional   |              |
| 142                       | 1,280           | 242                   | 640             | Utility issue fee (or reissue)   |              |
| 143                       | 460             | 243                   | 230             | Design issue fee   |              |
| 144                       | 620             | 244                   | 310             | Plant issue fee  |              |
| 122                       | 130             | 122                   | 130             | Petitions to the Commissioner  |              |
| 123                       | 50              | 123                   | 50              | Petitions related to provisional applications                              |              |
| 126                       | 180             | 126                   | 180             | Submission of Information Disclosure Stmt                                  |              |
| 581                       | 40              | 581                   | 40              | Recording each patent assignment per property (times number of properties) |              |
| 146                       | 740             | 246                   | 370             | Filing a submission after final rejection (37 CFR 1.129(a))                |              |
| 149                       | 740             | 249                   | 370             | For each additional invention to be examined (37 CFR § 1.129(b))           |              |
| 179                       | 740             | 279                   | 370             | Request for Continued Examination (RCE)                                    |              |
| 169                       | 900             | 169                   | 900             | Request for expedited examination of a design application                  |              |
| Other fee (specify) _____ |                 |                       |                 | <b>SUBTOTAL (3) (\$)</b>   | <b>65.00</b> |

\* Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

|                   |                   |  |                        |
|-------------------|-------------------|--|------------------------|
| Name (Print/Type) | R. Stevan Coursey | Registration. No. 39,949<br>(Attorney/Agent) | Telephone 404-885-3632 |
| Signature         |                   | Date   | April 8, 2002          |

**WARNING: Information of this may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

975036



UNITED STATES PATENT AND TRADEMARK OFFICE

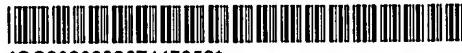
COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 10/041,682         | 01/07/2002          | Steven M. Blair       | IPG1 (12706.000009)    |

## CONFIRMATION NO. 2960

006980  
TROUTMAN SANDERS LLP  
BANK OF AMERICA PLAZA, SUITE 5200  
600 PEACHTREE STREET, NE  
ATLANTA, GA 30308-2216

## FORMALITIES LETTER



\*OC00000007447958\*

XW

Date Mailed: 02/08/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

## FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 370 to complete the basic filing fee for a small entity.*
- Total additional claim fee(s) for this application is \$303.
  - \$261 for 29 total claims over 20.
  - \$42 for 1 independent claims over 3 .
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 738.**

04/10/2002 NM0HMM1 00000090 10041682

|           |           |
|-----------|-----------|
| 01 FC:201 | 370.00 OP |
| 02 FC:203 | 261.00 OP |
| 03 FC:202 | 42.00 OP  |
| 04 FC:205 | 65.00 OP  |

*A copy of this notice **MUST** be returned with the reply.*Haimanot Tegbamu

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE